

FIG. 1

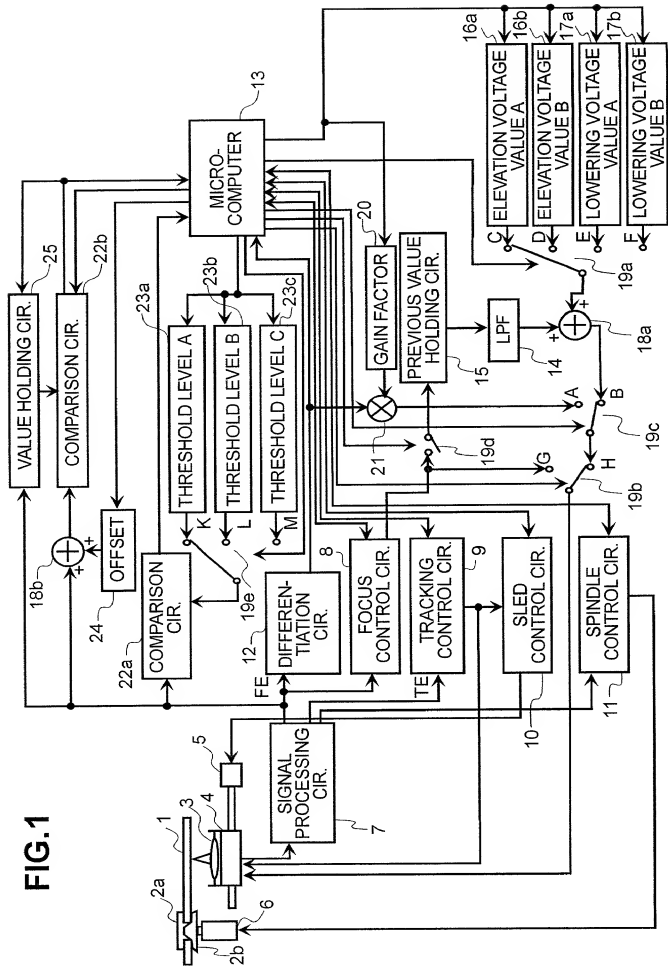


FIG.2

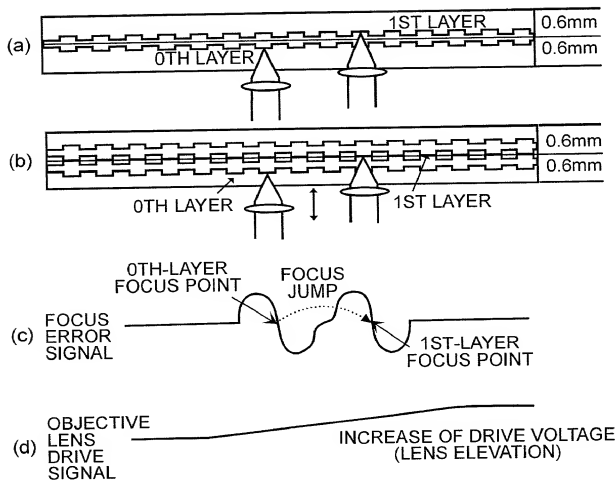


FIG.3

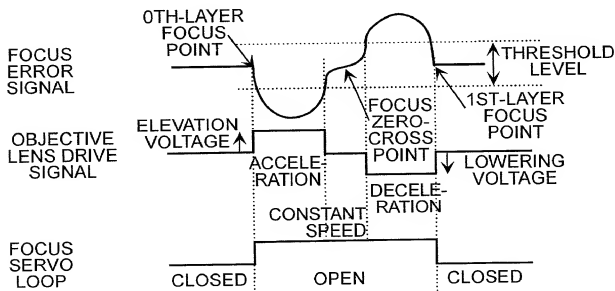
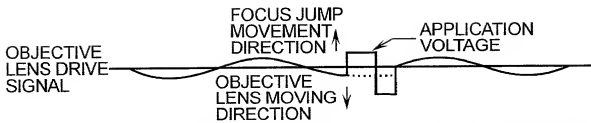
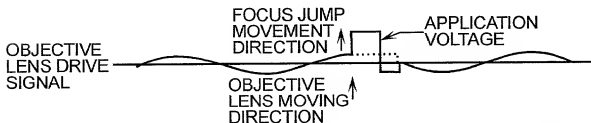


FIG.4

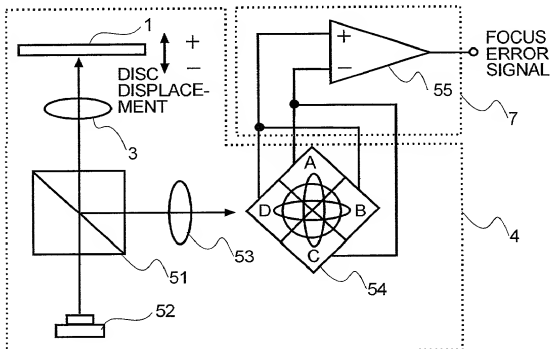


(a) CASE WHERE A VOLTAGE IS APPLIED TO A VALLEY OF A SURFACE VIBRATION COMPONENT



(b) CASE WHERE A VOLTAGE IS APPLIED TO A PEAK OF A SURFACE VIBRATION COMPONENT

FIG.5



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FIG.6

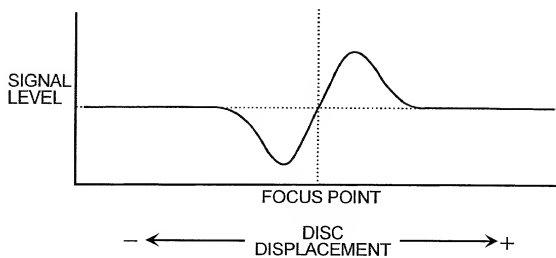


FIG.7

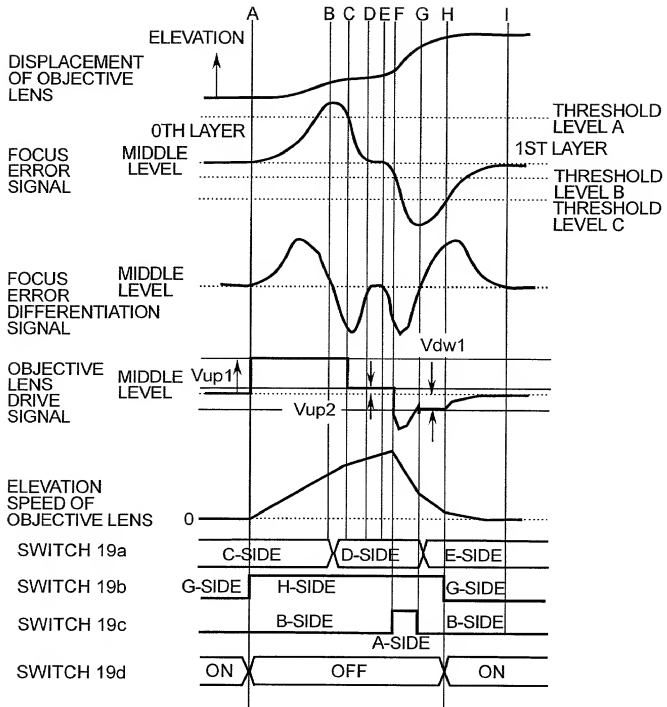


FIG.8

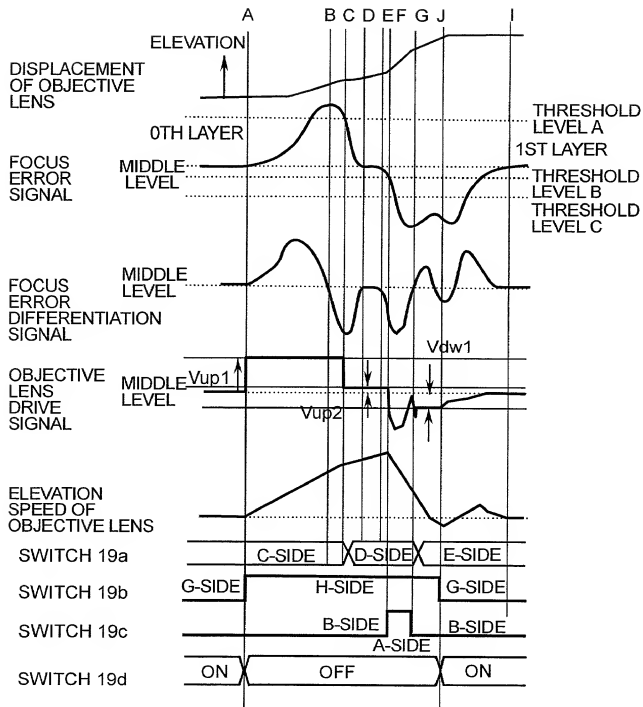


FIG.9

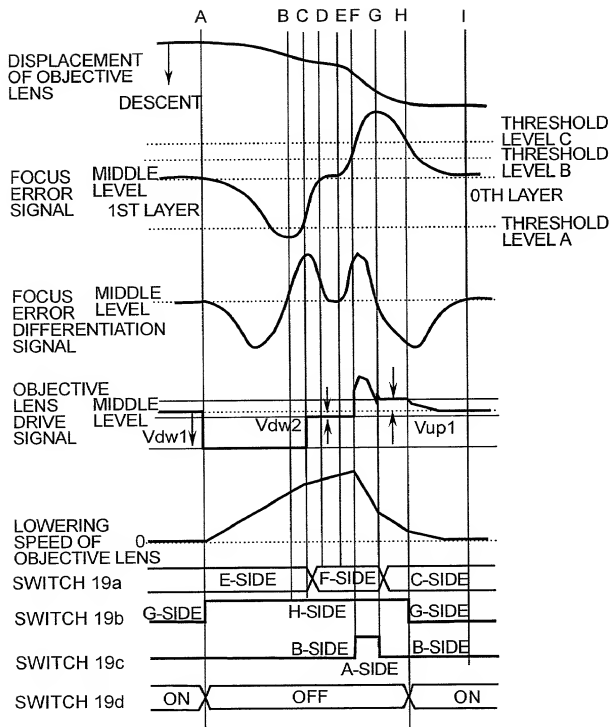


FIG.10

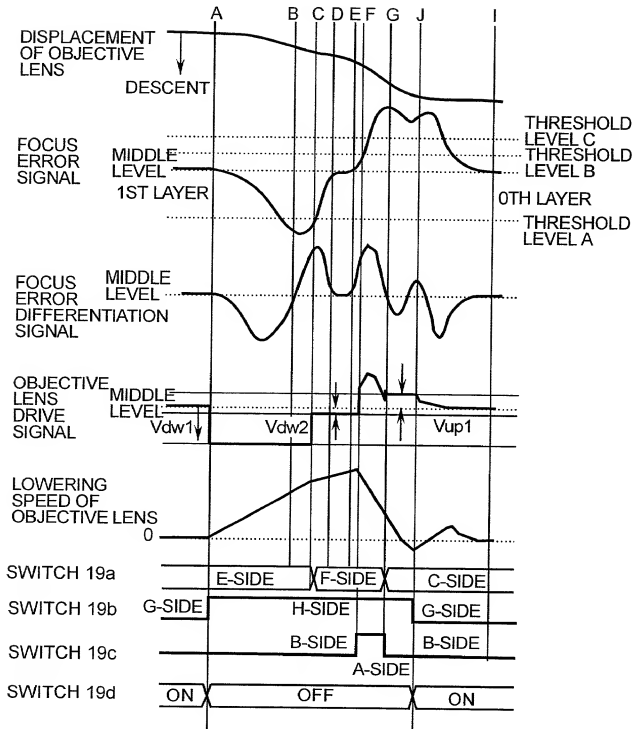


FIG.11

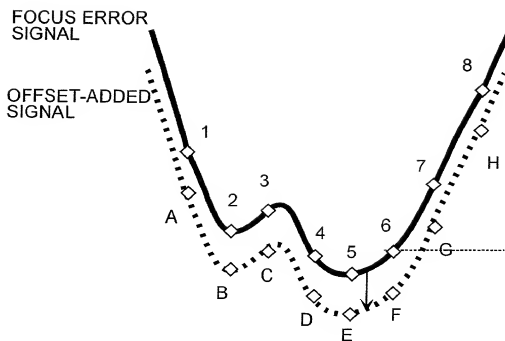


FIG.12

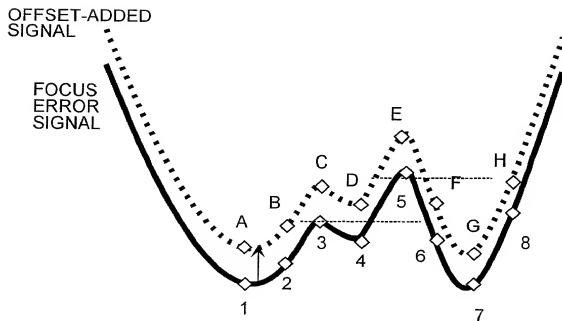


FIG.13

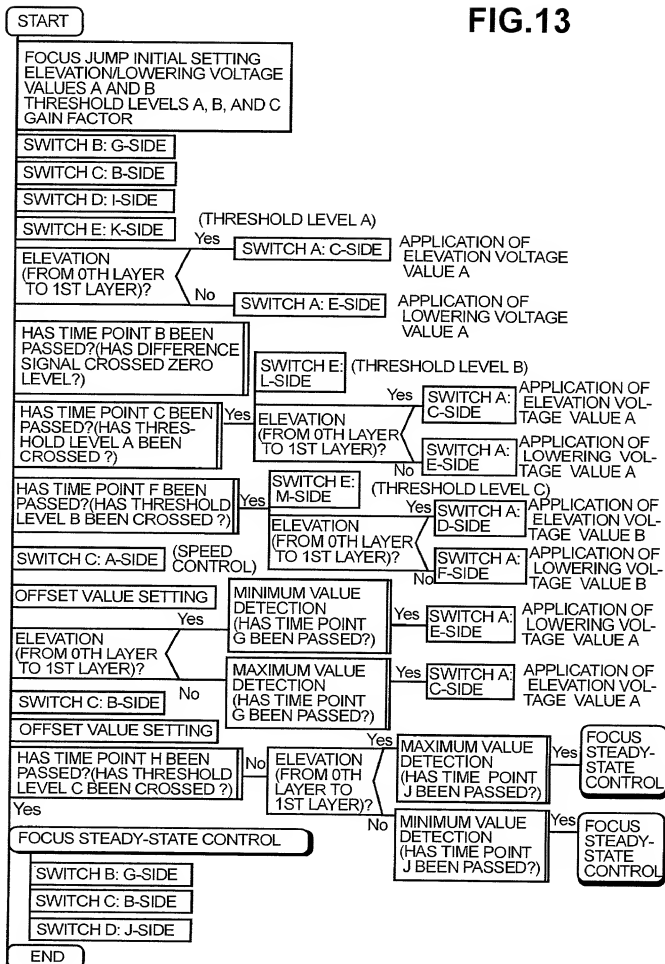


FIG.15

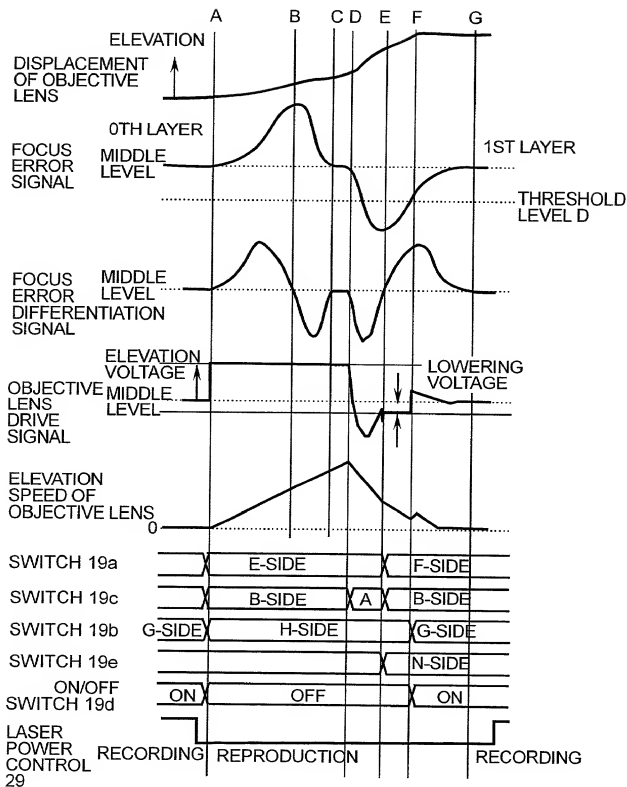
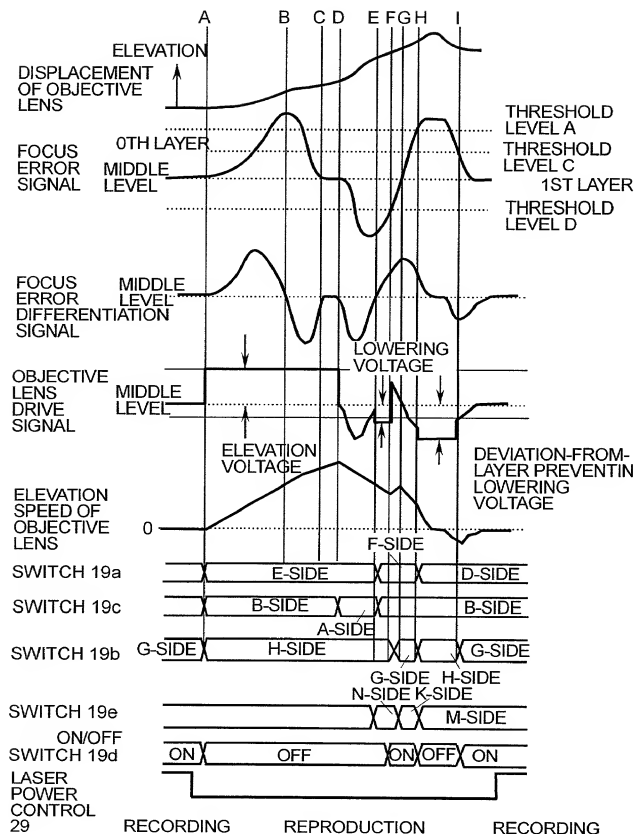


FIG.16



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FIG.17

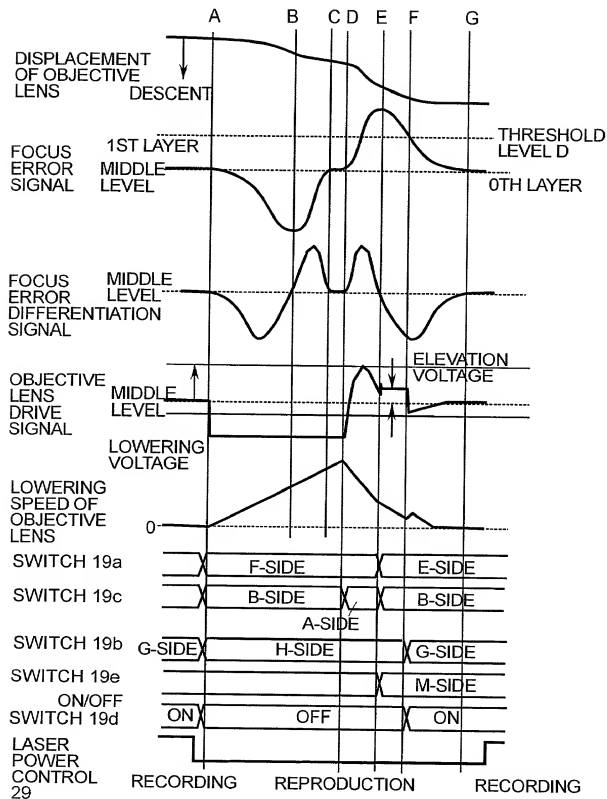


FIG.18

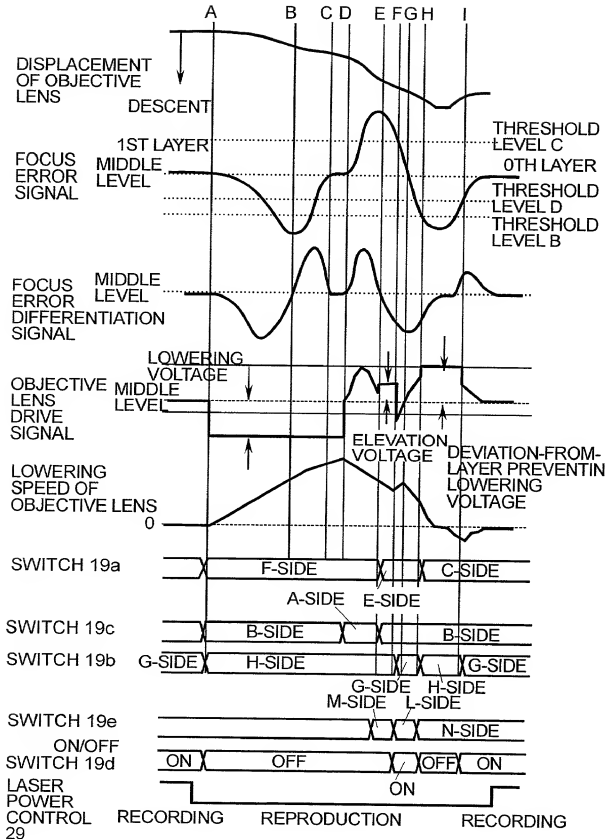


FIG.19

